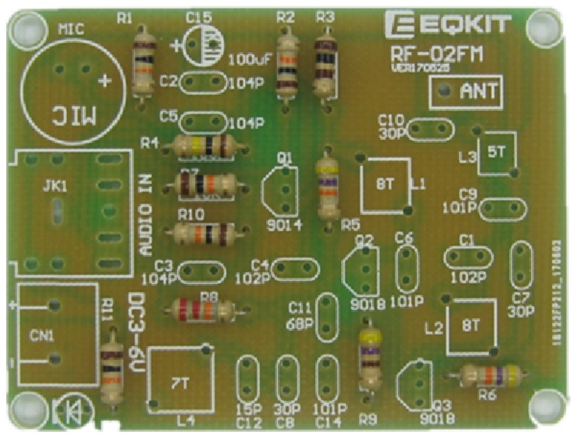
Tools you need:
①Iron (30W) ④Tweezers
②Solder wire
③Multimeter ⑤Wire cutters

Precautions:
①Check part values & quantities against part list
②Always meter resistor values before soldering
③Understand all part polarities and orientations

RF-02FM Transmitter kit instructions

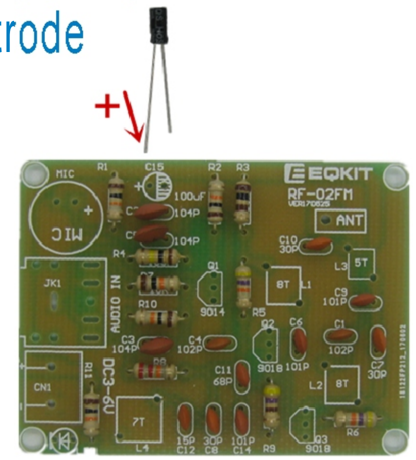
Rev. 1. 0 2017. 06. 14 Produced by YiQi

1Install resistance:

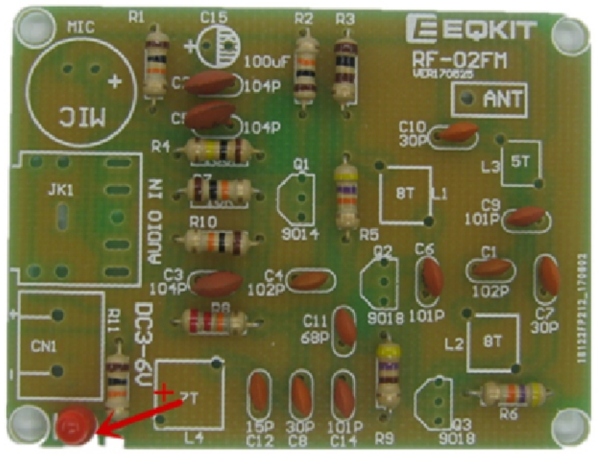


2.Install capacitor and electrolytic capacitor:

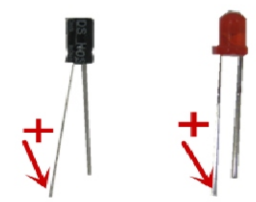
Be careful electrolytic capacitor
C15 positive electrode



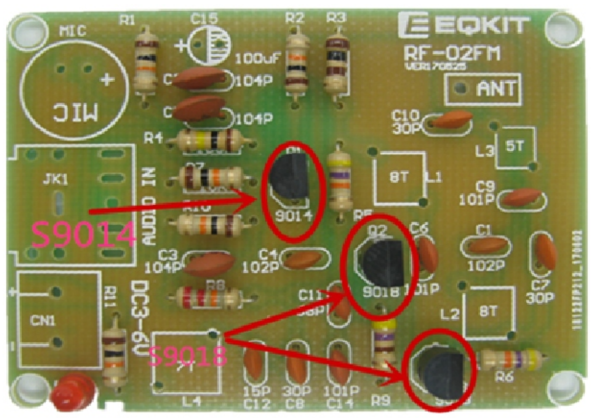
3.Install LED.



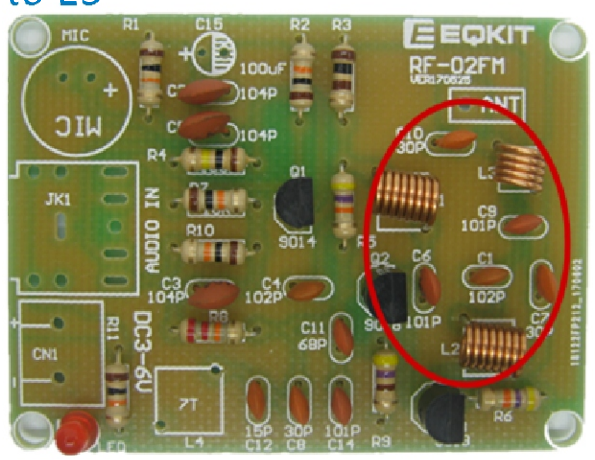
warning
Light-emitting diode and electrolytic capacitor the longer pin is the anode it should be installed on the rectangle pad of PCB:



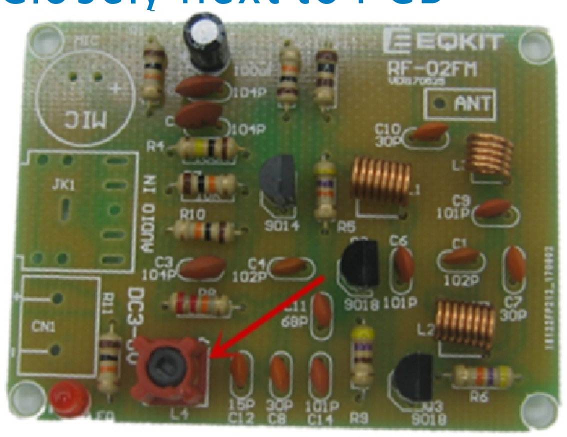
4. Install triode：S9014 to Q1，S9018 to Q2 and Q3。



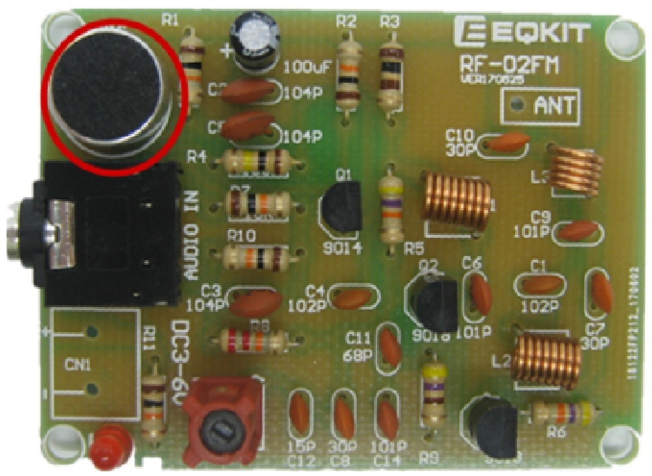
5.Install inductance ：8T to L1、L2. 5T to L3



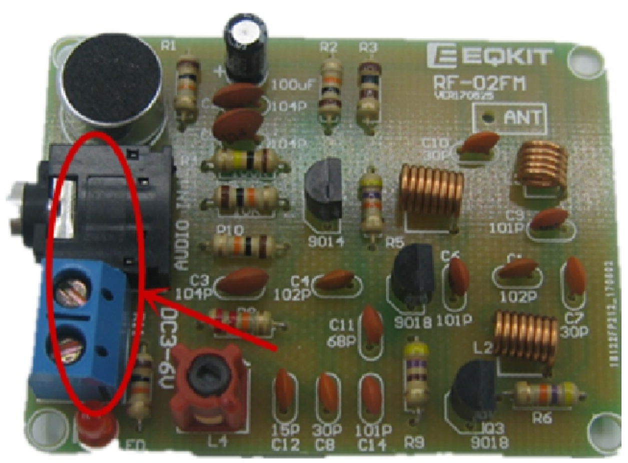
6. Install L4 Closely next to PCB



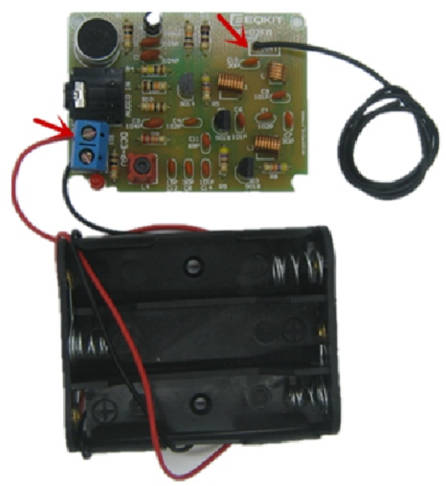
7. Install electret microphone



8. Install audio input socket and power input socket



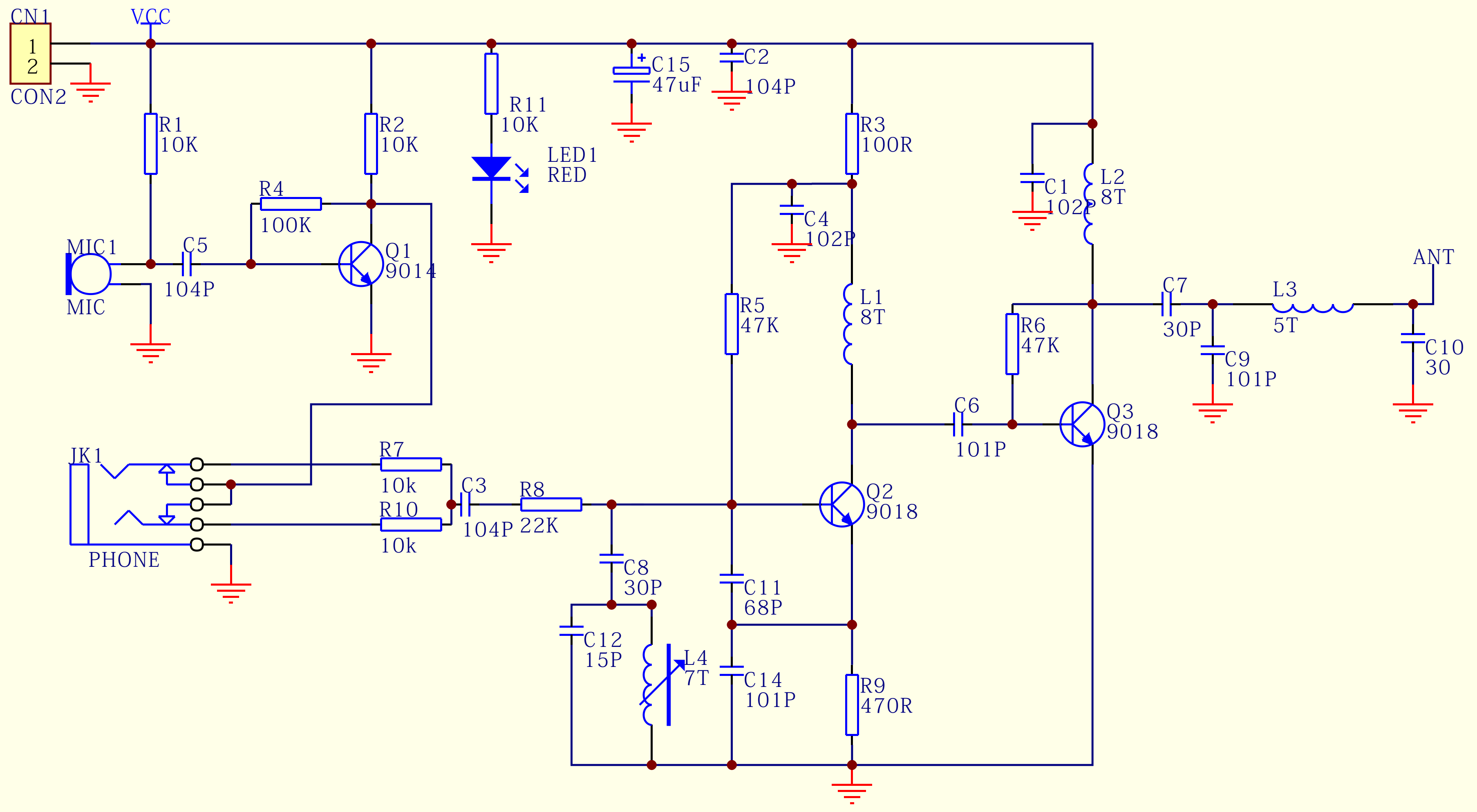
9. Install antenna and battery box :



RF-02FM Wireless launcher component list

NO.	Name	Mode	QTY
R1. R2. R7. R10. R11	RES	10K	5
R3	RES	100R	1
R9	RES	470R	1
R8	RES	22K	1
R5. R6	RES	47K	2
R4	RES	100K	1
C1. C4	Cap	102P	2
C2. C3. C5	Cap	104P	3
C6. C9. C14	Cap	101P	3
C11	Cap	68P	1
C7. C8. C10	Cap	30P	3
C12	Cap	15P	1
C15	E.C	100uF	1
Q2. Q3	Triode	S9018	2
Q1	Triode	S9014	1
LED	LED	RED3mm	1
L4	Inductor	7T	1
L3	Inductor	5T	1
L1. L2	Inductor	8T	2
JK1	Audio input	5P	1
MIC	Microphone	F10*H7mm	1
CN1	Socket	KF301-2	1
ANT	Wire(Give)	300mm	1
——	PCB	RF-02FM	1

Schematic



Title		
Size A4	Number	Revision
Date: 14-Jun-2017		Sheet of
File: E:\longyong.ddb		Drawn By: